

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Previously Presented): A reader appliance for reading identification connectors for airplane engines, said connector comprising a plurality of contacts connected to a decoding circuit, each contact corresponding to a binary digit, one or more of said binary digits corresponding to information relating to characteristics of the engine,

the appliance including connection means suitable for receiving at least one identification connector and at least one protection connector containing an autotest circuit, said connection means being connected to processor means responding to control members in order to display on a display device the information contained in the connector.

Claim 2 (Original): An appliance according to claim 1, wherein the processor means include software means for decoding information relating to characteristics of the engine from the binary data read in the identification connector.

Claim 3 (Original): An appliance according to claim 1, wherein the control members comprise at least one button for causing information encoded in the identification connector connected to the reader appliance to be displayed, successive items of information being displayed in response to successive presses on said button.

Claims 4-9 (Canceled).

Claim 10 (Previously Presented): An appliance according to claim 1, wherein the processor means include software means for testing said reader appliance from the autotest circuit of the protection connector.

Claim 11 (Original): An appliance according to claim 10, wherein the control members include at least one button for causing the result of the test of the reader appliance to be displayed.

Claim 12 (Original): An appliance according to claim 10, wherein the control members include software means for automatically causing the result of the test of the reader appliance to be displayed.

Claim 13 (Original): An appliance according to claim 1, including means for updating the processor means.

Claim 14 (Canceled).

Claim 15 (Previously Presented): An appliance configured to read an identification connector of an airplane engine, the connector comprising a plurality of contacts connected to a decoding circuit containing a plurality of information about the engine, the appliance comprising:

an identification connector receiver;

a processor connected to the identification connector receiver, the processor being configured to decode the plurality of engine information contained in the decoding circuit of the identification connector;

a control device configured to specify which information from the plurality is decoded by the processor;

a display unit configured to display at least one of the plurality of information about the engine decoded by the processor;

a self test button configured to initiate a self test of the processor; and

a self test connector configured to be connected to the identification connector receiver when performing a self test of the appliance.

Claim 16 (Previously Presented): The appliance according to claim 15, wherein the processor is further configured to identify a model of the identification connector and to decode the plurality of engine information contained in the decoding circuit of the identification connector based on the identified model of the identification connector.

Claim 17 (Canceled).

Claim 18 (Previously Presented): The appliance according to claim 15, wherein the processor is further configured to automatically decode the plurality of information sequentially and the display is configured to display the plurality of information decoded by the processor.

Claim 19 (Previously Presented): The appliance according to claim 15, wherein the appliance is portable and the identification connector is removable from the engine.

Claim 20 (Previously Presented): The appliance according to claim 1, wherein the appliance is portable and the identification connector is removable from the engine.

Claim 21 (Canceled).

Claim 22 (Previously Presented): The appliance according to claim 15, further comprising:

a link unit connected to the processor, the link unit being configured to update the processor.

Claim 23-25 (Canceled).

Claim 26 (Previously Presented): The appliance according to claim 30, wherein the information relating to characteristics of the engine comprises information to authorize or to inhibit engine operation.

Claim 27 (Previously Presented): The appliance according to claim 26, wherein the information to authorize or to inhibit engine operation comprises a maximum thrust level and/or a minimum thrust level.

Claim 28 (Previously Presented): The appliance according to claim 15, wherein the information related to characteristics of the engine comprises information to authorize or to inhibit engine operation.

Claim 29 (Previously Presented): The appliance according to claim 28, wherein the information to authorize or to inhibit engine operation comprises a maximum thrust level and/or a minimum thrust level.

Claim 30 (Currently Amended): An appliance configured to read an identification connector of an airplane engine, the connector comprising a plurality of contacts connected to a decoding circuit containing a plurality of information about the engine, the appliance comprising:

an identification connector receiver;

a processor connected to the identification connector receiver, the processor being configured to decode the plurality of information about the engine contained in the decoding circuit of the identification connector, the plurality of information about the engine including a plurality of engine operating characteristics of a specified engine family or version;

a control device configured to specify which information from the plurality is decoded by the processor; and

a display unit configured to display the plurality of information about the engine decoded by the processor,

wherein the control device comprises at least one button configured to cause the plurality of information encoded in the identification connector connected to the reader appliance to be displayed, successive items of information being displayed in response to successive presses on the button.

Claim 31 (Previously Presented): The appliance according to claim 30, wherein the plurality of engine operating characteristics includes at least one of a maximum authorized emergency power rating, a minimum thrust level, a tuning option, or a speed of rotation of a drive shaft.

Claim 32 (Previously Presented): The appliance according to claim 31, wherein the display unit displays a name of each engine operating characteristic of the plurality displayed followed by a corresponding value thereof.

Claim 33 (Previously Presented): The appliance according to claim 30, wherein the processor includes software for decoding the plurality of information about the engine contained in the identification connector.

Claim 34 (Canceled).

Claim 35 (Currently Amended): The appliance according to claim 30, wherein the processor includes software ~~for detecting~~ configured to detect the model of the identification connector connected to the appliance.

Claim 36 (Previously Presented): The appliance according to claim 30, including at least one protection connector containing an autotest circuit.

Claim 37 (Currently Amended): The appliance according to claim 36, wherein the processor ~~device~~ includes software ~~for testing~~ configured to test the reader appliance from the autotest circuit of the protection connector.

Claim 38 (Previously Presented): The appliance according to claim 30, wherein the processor is further configured to identify a model of the identification connector and to decode the plurality of engine information contained in the decoding circuit of the identification connector based on the identified model of the identification connector.

Claim 39 (Previously Presented): The appliance according to claim 30, further comprising:

a self test button configured to initiate a self test of the processor.

Claim 40 (Previously Presented): The appliance according to claim 30, wherein the appliance is portable and the identification connector is removable from the engine.

Claim 41 (Previously Presented): The appliance according to claim 39, further comprising:

a self test connector configured to be connected to the identification connector receiver when performing a self test of the appliance.

Claim 42 (Previously Presented): The appliance according to claim 30, further comprising:

a link unit connected to the processor, the link unit being configured to update the processor.

Claim 43 (New): An appliance according to claim 30, wherein the processor includes software configured to decode information relating to characteristics of the engine from binary data read in the identification connector.

Claim 44 (New): An appliance according to claim 30, wherein the control device comprises software configured to display information automatically.

Claim 45 (New): An appliance according to claim 30, wherein the identification connector is a multipin connector, and wherein a connector of said appliance comprises at least one multipin connector configured to receive said identification connector.

Claim 46 (New): An appliance according to claim 30, wherein a connector of said appliance comprises at least one connector configured to receive at least one specific model of identification connector.

Claim 47 (New): An appliance according to claim 30, wherein the processor includes software configured to test the parity of the encoding circuit of the identification connector.

Claim 48 (New): An appliance according to claim 37, wherein the control device includes at least one button configured to cause a result of the test of the reader appliance to be displayed.

Claim 49 (New): An appliance according to claim 37, wherein the control device includes software configured to automatically cause a result of the test of the reader appliance to be displayed.

Claim 50 (New): An appliance according to claim 1, including a self-contained power supply.